

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 251513US96		SERIAL NO. <u>10/828466</u> NEW APPLICATION	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Michael R. JOHNSON			
				FILING DATE <u>21 APRIL 2004</u> HEREWITH		GROUP <u>1624</u>	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<u>ET</u>	AA	4,177,285	12-04-79	Cragoe, Jr. et al.	—	—	
<u>ET</u>	AB	3,794,734	02-26-74	Cragoe, Jr. et al.	—	—	
<u>ET</u>	AC	3,864,401	02-04-75	Schultz et al.	—	—	
<u>ET</u>	AD	3,914,253	10-21-75	Cragoe, Jr. et al.	—	—	
<u>ET</u>	AE	3,929,872	12-30-75	Cragoe, Jr. et al.	—	—	
<u>ET</u>	AF	3,931,239	01-06-76	Cragoe, Jr. et al.	—	—	
<u>ET</u>	AG	3,953,476	04-27-76	Cragoe, Jr. et al.	—	—	
<u>ET</u>	AH	3,966,966	06-29-76	Cragoe, Jr. et al.	—	—	
<u>ET</u>	AI	4,006,180	02-01-77	Cragoe, Jr. et al.	—	—	
<u>ET</u>	AJ	4,012,524	03-15-77	Cragoe, Jr. et al.	—	—	
<u>ET</u>	AK	4,159,279	06-26-79	Smith et al.	—	—	
<u>ET</u>	AL	4,163,781	08-07-79	Cragoe, Jr. et al.	—	—	
<u>ET</u>	AM	4,163,794	08-07-79	Cragoe, Jr. et al.	—	—	
<u>ET</u>	AN	4,085,219	04-18-78	Cragoe, Jr. et al.	—	—	
FOREIGN PATENT DOCUMENTS							
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
<u>ET</u>	AW	R. Tarran et al., <u>The CF Salt Controversy: In Vivo Observations and Therapeutic Approaches</u> , <i>Molecular Cell</i> , Vol. 8, 149-158, July 2001.					
<u>ET</u>	AX	Michael R. Knowles et al., <u>Amiloride in Cystic Fibrosis: Safety, Pharmacokinetics, and Efficacy in the Treatment of Pulmonary Disease</u> , Chapter 20, page 301-316. <u>1992</u>					
<u>ET</u>	AY	Louis Simchowicz et al., <u>An Overview of the Structure Activity Relations in the Amiloride Series</u> , Chapter 2, page 9-25. <u>1992</u>					
<u>ET</u>	AZ	J.R. Sabater et al., <u>Aerosolization of P2y2-Receptor Agonists Enhances Mucociliary Clearance in Sheep</u> , <i>The American Physiological Society</i> , page 2191-2196. <u>1999</u>					
Examiner <u>[Signature]</u>					Date Considered <u>26 OCTOBER 2006</u>		
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<u>ZT</u>	AA	4,025,625	05-24-77	Rooney et al.			
<u>ZT</u>	AB	4,196,292	04-01-80	Woltersdorf, Jr. et al.			
<u>ZT</u>	AC	4,087,526	05-02-78	Cragoe, Jr. et al.			
<u>ZT</u>	AD	4,087,542	05-02-78	Cragoe, Jr. et al.			
<u>ZT</u>	AE	4,092,414	05-30-78	Cragoe, Jr. et al.			
<u>ZT</u>	AF	4,100,294	07-11-78	Cragoe, Jr. et al.			
<u>ZT</u>	AG	4,105,769	08-08-78	Rooney et al.			
<u>ZT</u>	AH	4,140,776	02-20-79	Cragoe, Jr. et al.			
<u>ZT</u>	AI	4,145,551	03-20-79	Cragoe, Jr. et al.			
<u>ZT</u>	AJ	4,181,727	01-01-80	Cragoe, Jr. et al.			
<u>ZT</u>	AK	4,237,130	12-02-80	Cragoe, Jr. et al.			
<u>ZT</u>	AL	4,237,144	12-02-80	Cragoe, Jr. et al.			
<u>ZT</u>	AM	4,277,602	07-07-81	Woltersdorf et al.			
<u>ZT</u>	AN	4,291,050	09-22-81	Woltersdorf, Jr. et al.			
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
<u>ZT</u>	AW	Thomas R. Kleyman et al., <u>Amiloride and Its Analogs as Tools in the Study of Ion Transport</u> , <i>The Journal of Membrane Biology</i> , Vol. 105, pages 1-21, 1988.					
<u>ZT</u>	AX	Edward C. Taylor et al., <u>A Facile Route to "Open Chain" Analogues of DDATHF</u> , <i>Heterocycles</i> , Vol. 28, No. 2, 1989.					
<u>ZT</u>	AY	Paul-Michael Windscheif et al., <u>Substituted Dipyrroliethenes and -ethynes and Key Pyridine Building Blocks</u> , <i>Synthesis</i> , pages 87-92, January 1994.					
<u>ZT</u>	AZ	Edward J. Cragoe, Jr., <u>The Synthesis of Amiloride and Its Analogs</u> , page 24-38, Chapter 3. <u>1992</u>					
Examiner <u>ZT</u>					Date Considered <u>26 OCTOBER 2006</u>		
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(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
251513US96SERIAL NO. 10/828,466
NEW APPLICATION

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Michael R. JOHNSON

FILING DATE 21 APRIL 2004
~~HEREWITH~~GROUP 1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<u>ET</u>	AA	4,003,927	01-18-77	Woltersdorf, Jr. et al.			
<u>ET</u>	AB	4,296,122	10-20-81	Cragoe, Jr. et al.			
<u>ET</u>	AC	4,317,822	03-02-82	Woltersdorf, Jr. et al.			
<u>ET</u>	AD	4,362,724	12-07-82	Bock et al.			
<u>ET</u>	AE	4,401,669	08-30-83	Cragoe, Jr. et al.			
<u>ET</u>	AF	3,974,212	08-10-76	Cragoe, Jr. et al.			
<u>ET</u>	AG	3,984,465	10-05-76	Cragoe, Jr. et al.			
<u>ET</u>	AH	3,984,552	10-05-76	Cragoe, Jr. et al.			
<u>ET</u>	AI	4,067,980	01-10-78	Cragoe, Jr. et al.			
<u>ET</u>	AJ	4,085,117	04-18-78	Cragoe, Jr. et al.			
<u>ET</u>	AK	4,085,211	04-18-78	Cragoe, Jr. et al.			
<u>ET</u>	AL	4,246,406	01-20-81	Cragoe, Jr. et al.			
<u>ET</u>	AM	3,472,848	10-14-69	Edward J. Cragoe, Jr. et al.			
<u>ET</u>	AN	3,544,571	12-01-70	Edward J. Cragoe, Jr., et al.			

FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)


<u>ET</u>	AW	Jack H. Li, et al., <u>Stereoselective Blockage of Amphibian Epithelial Sodium Channels by Amiloride Analogs</u> , <i>The Journal of Pharmacology and Experimental Therapeutics</i> , Vol. 267, No. 3, pages 1081-1084, 1993.
<u>ET</u>	AX	Pallav L. Shah, M.D., <u>Chapter 7. Progress in the Treatment of Pulmonary Disease in Cystic Fibrosis</u> , <i>Annual Reports in Medicinal Chemistry</i> , Vol. 36, pages 67-76, 2001.
<u>ET</u>	AY	Dieter Worlitzsch et al., <u>Effects of Reduced Mucus Oxygen Concentration in Airway Pseudomonas Infections of Cystic Fibrosis Patients</u> , <i>The Journal of Clinical Investigation</i> , February 2002, Volume 109, Number 3, pages 317-336.
<u>ET</u>	AZ	Edward J. Cragoe, Jr., et al., <u>Chapter 7: Diuretic Agents</u> , <i>Annual Reports in Medicinal Chemistry</i> , 1966, page 59-68.

Examiner

Date Considered 26 OCTOBER 2006

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<u>ZT</u>	AA	3,991,106	11-09-76	Cragoe, Jr., et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AB	3,991,087	11-09-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AC	3,989,749	11-02-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AD	3,987,091	10-19-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AE	3,979,361	09-07-76	Schultz et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AF	3,976,686	08-24-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AG	3,976,681	08-24-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AH	3,958,004	05-18-76	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AI	3,956,374	05-11-76	Shepard et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AJ	3,928,624	12-23-75	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AK	3,894,065	07-08-75	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AL	3,668,241	06-06-72	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
<u>ZT</u>	AM	3,625,950	12-07-71	Edward J. Cragoe, Jr.	<u> </u>	<u> </u>	
<u>ZT</u>	AN	4,298,743	11-03-81	Cragoe, Jr. et al.	<u> </u>	<u> </u>	
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<u>ZT</u>	AW	Edward J. Cragoe, Jr., et al., <u>Chapter 7: Diuretic Agents</u> , <i>Annual Reports in Medicinal Chemistry</i> , 1965, page 67-77.					
<u>ZT</u>	AX	Robert L. Smith, et al., <u>Chapter 8: Diuretics</u> , <i>Annual Reports in Medicinal Chemistry</i> , Volume 11, pages 71-79, 1976.					
<u>ZT</u>	AY	Robert L. Smith, et al., <u>Chapter 7: Diuretics</u> , <i>Annual Reports in Medicinal Chemistry</i> , Volume 13, pages 61-70, 1978.					
<u>ZT</u>	AZ	Edward J. Cragoe, Jr., <u>Structure-Activity Relationships in the Amiloride Series</u> , <i>Merck Sharp and Dohme Research Laboratories</i> , 1979, pages 1-20.					
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<u>ET</u>	AA	3,313,813	04/11/67	Cragoe			
<u>ET</u>	AB	3,573,306	03/30/71	K.L. Shepared et al.			
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<u>ET</u>	AW	J. B. BICKING, et al., J. Med. Chem., vol. 8, no. 5, pp. 638-642, "PYRAZINE DIURETICS. I. N-AMIDINO-3-6-HALOPYRAZINECARBOXAMIDES", 1965.					
<u>ET</u>	AX	R. F. EPAND, et al., British Journal of Cancer, vol. 63, no. 2, pp. 247-251, "REVERSAL OF INTRINSIC MULTIDRUG RESISTANCE IN CHINESE HAMSTER OVARY CELLS BY AMILORIDE ANALOGS", 1991.					
<u>ET</u>	AY	T. M. COCKS, et al., British Journal of Pharmacology, vol. 95, no. 1, pp. 67-76, 1988.					
<u>ET</u>	AZ	T. R. KLEYMAN, et al., American Journal of Physiology, vol. 260, no. 2, Pt. 1, pp. C271-C276, 1991.					
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<u>ET</u>	AW	K. E. BARRETT, et al., Annual Rev. Physiol. vol. 2000, no. 62, pp. 535-572.					
<u>ET</u>	AX	R.F. Eband, et al., "REVERSAL OF INTRINSIC MULTIDRUG RESISTANCE IN CHINESE HAMSTER OVARY CELLS BY AMILORIDE ANALOGS", Br. J. Cancer (1991), 63, pp. 247-251.					
<u>ET</u>		Kim E. Barrett, et al., "CHLORIDE SECRETION BY THE INTESTINAL EPITHELIUM: MOLECULAR BASIS AND REGULATORY ASPECTS", Annu. Rev. Physiol. 2000, 62, pp. 535-572.					
<u>ET</u>	AZ	Copy of Form PCT/IPEA/408, Written Opinion for International Application No. PCT/US03/04817, filed February 19, 2003.					
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Michael R JOHNSONFILING DATE
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					YES	NO
ZT	AO	WO 00/23023	04/27/2000	WIPO		
ET	AP	WO 01/05773 A1	01/25/2001	WIPO		
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ZT	AV	Maria E. GIANNAKOU, et al., "Characterization of the Drosophila melanogaster alkali-metal/proton exchanger (NHE) gene family", The Journal of Experimental Biology, vol. 204, no. 21, XP-002381331, 2001, pages 3703-3716	<input type="checkbox"/> Additional References sheet(s) attached
ZT	AW	Pascal BARBRY, et al., "Biochemical Identification of Two Types of Phenamil Binding Sites Associated with Amiloride-Sensitive Na ⁺ Channels", Biochemistry, vol. 28, no. 9, XP-002381332, 1989, pages 3744-3749	
ZT	AX	Pascal BARBRY, et al., "[³ H]Phenamil Binding Protein of the Renal Epithelium Na ⁺ Channel. Purification, Affinity Labeling, and Functional Reconstitution", Biochemistry, vol. 29, no. 4, XP-002381333, 1990, pages 1039-1045	
ZT	AY	Jeanne VELLY, et al., "Effects of amiloride and its analogues on [³ H]batrachotoxinin-A 20- α benzoate binding, [³ H]tetracaine binding and ²² Na influx", European Journal of Pharmacology, vol. 149, no. 1-2, XP-002381334, 1988, pages 97-105	
ZT	AZ	Thomas R. Kleyman, et al., "The Cellular Pool of Na ⁺ Channels in the Amphibian Cell Line A6 Is Not Altered by Mineralocorticoids" The Journal of Biological Chemistry, vol. 264, no. 20, XP-002381335, July 15, 1989, pages 11995-12000	

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